

IN THE SPECIFICATION

Page 21, line 11, change "quatization" to --quantization--.

IN THE CLAIMS

Please amend claim 2 by rewriting same to read as follows
and cancel claim 1, without prejudice or disclaimer.

1
~~-2.~~ (Twice Amended) [The] A vector search method [as
claimed in Claim 1, wherein] for obtaining an optimal sound
source vector in vector quantization, in which a difference error
between a prediction vector and an input vector is calculated in
such a way that combinations of factors respectively multiplied
by a plurality of basic vectors are changed according to the Gray
code, the method comprising the steps of:

obtaining an intermediate value G_u , obtained] by
calculation of a synthetic vector created according to a sign
word u of the Gray code[, is expressed];

expressing said value G_u by an intermediate value G_i ,
obtained by [a] calculation of a synthetic vector created
according to an adjacent sign word i different from said sign
word u only in a predetermined bit position v , and a change ΔG_u
calculated by utilizing the Gray code characteristic[, and];